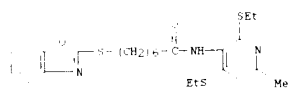


Le - ANSWERS REGISTRY COPYRIGHT 2001 ACS  
IN Heptanamide, 7-[(2-benzoxazolylthio)-N-[2,4-bis(ethylthio)-6-methyl-3-  
pyridinyl]- (9CI)  
MF C14 H31 N3 O2 S3



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 11 ful  
FULL SEARCH INITIATED 07:01:31 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5402 TO ITERATE

100.0% PROCESSED 5402 ITERATIONS  
SEARCH TIME: 00.00.04

80 ANSWERS

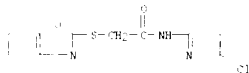
L3 80 SEA SSS FUL L1

=> s 13 and caplus/lc  
17870759 CAPLUS/LC  
L4 77 L3 AND CAPLUS/LC

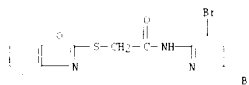
=> s 13 not 14  
L5 3 L3 NOT L4

=> d 1-3

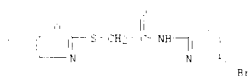
L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 313481-42-4 REGISTRY  
 CN Acetamide, 2-(2-benzoxazolylthio)-N-(5-chloro-2-pyridinyl)- [9C1]  
 (CA)  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H10 Cl N3 O2 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 313481-41-3 REGISTRY  
 CN Acetamide, 2-(2-benzoxazolylthio)-N-(3,5-dibromo-2-pyridinyl)- [9H1]  
 (CA)  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H9 Br2 N3 O2 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 312507-34-0 REGISTRY  
 CN Acetamide, 2-(2-benzoxazolylthio)-N-(5-bromo-2-pyridinyl)- [9C1] (CA)  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H10 Br N3 O2 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



=> fil chemcats		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	142.48	142.63

FILE 'CHEMCATS' ENTERED AT 07:02:07 ON 14 MAY 2001  
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE LAST UPDATED 05 MAY 2001 (20010505/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow  
 (=>) prompt. For the list of suppliers currently in the file, enter  
 HELP SPA, HELP SPBC, HELP SPDH, HELP SPIN, HELP SPOP, and HELP SPQZ.  
 For the list of current catalogs, enter HELP CTA, HELP CTBC, HELP  
 CTDH, HELP CTIN, HELP CTOP, and HELP CTQZ.

This database is provided on an "as is" basis. Please consult the  
 suppliers for current information regarding pricing, regional  
 availability, available quantities, purities, etc. THERE ARE NO  
 WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. ACS is not  
 liable for any loss of profit, goodwill or any other damages arising  
 out of the use of this database.

=> s 15  
 L6                    6 L5

=> help display

The DISPLAY command is used to view various types of saved and  
 current-session information. To use this command, enter DISPLAY and  
 the name of the item to be displayed. The system will display the  
 item online. Highlighting characters may be suppressed by adding the  
 NOHIGHLIGHT (NOH) option on the command line.

For information on the predefined formats available for the display  
 of records in this file, enter HELP FORMAT at an arrow prompt (=>).  
 For information on the display of records using individual fields or  
 groups of fields, enter HELP DFIELDS. For information on how to  
 create a user-defined display format, enter HELP SET FORMAT. For  
 information on how to change the default display format for this  
 file, enter HELP SET DFORMAT. To see the current default display  
 format for this file, enter DISPLAY SET DFORMAT.

For more information about the DISPLAY command, enter one of the  
 following HELP commands at an arrow prompt.

=> HELP DISPLAY ACC ----- To see the record for a specific

## Accession Number in a file

- => HELP DISPLAY ARCHIVE --- To grant permission to store STN records for the purposes of electronic access by a specified number of users within your worldwide organization
- => HELP DISPLAY BROWSE ---- To browse through an answer set without rekeying the DISPLAY command before each answer number
- => HELP DISPLAY CLUSTER --- To see user-defined and system-defined file clusters
- => HELP DISPLAY COST ----- To see the approximate cost of a session
- => HELP DISPLAY CURRENCY -- To see the patent currency status of certain files
- => HELP DISPLAY EXPAND ---- To see the E-number list from an EXPAND or SELECT command
- => HELP DISPLAY FIELD ----- To see the user-defined search fields
- => HELP DISPLAY FORMAT ---- To see the user-defined display formats
- => HELP DISPLAY FROM ----- To see records from specific files when the L-number contains records from multiple files
- => HELP DISPLAY HISTORY --- To see the commands used in this session
- => HELP DISPLAY L# ----- To see answers from a search
- => HELP DISPLAY PFAM ----- To see selective records from specified patent families in an FSORT L-number
- => HELP DISPLAY PFINT ----- To see the status of offline prints requested in this session
- => HELP DISPLAY QUERY ----- To see the definition of a query
- => HELP DISPLAY REDISTRIBUTE -- To grant permission to redistribute within your worldwide organization a specified number of printed or electronic copies of STN records
- => HELP DISPLAY SAVED ----- To list saved items for this loginid
- => HELP DISPLAY SCAN ----- To scan through an answer set in random order with a predefined display format

=> HELP DISPLAY SELECT ---- To see the E-number list from a SELECT or  
EXPAND command

=> HELP DISPLAY SET ----- To see the SET parameters currently  
active, changed, or set permanently

=> HELP DISPLAY TERM ----- To see the terms extracted using  
SmartSELECT

=> HELP DISPLAY TOLERANCE - To see the tolerance in effect for  
numeric fields available in the current  
file

=> HELP DISPLAY TSORT ----- To sort the entries in a display that  
uses a table format

=> HELP DISPLAY UNIT ----- To see the units in effect for numeric  
fields available in the current file

=> help display field

To see a list of all user-defined search fields for this loginid,  
enter DISPLAY FIELD at an arrow prompt (=>). The resulting  
alphabetical list consists of the field names, their definitions, and  
the files in which each user-defined field is the current default  
search field. To display the information for a subset of all  
user-defined search fields, enter DISPLAY FIELD followed by the  
name(s).

Examples:

=> DISPLAY FIELD

(Lists all user-defined search fields for this loginid.)

=> DISPLAY FIELD .MYSEA1 .MYSEA2

(Lists the user-defined search fields .MYSEA1 and .MYSEA2)

=> d cc

Q. ANSWER 1 OF 6 CHEMCATS COPYRIGHT 2001 ACS

Catalog Name (CO): ChemDiv, Inc. Product Library

COMPANY INFORMATION

ChemDiv, Inc.  
P.O. Box 32  
Strakhovoy Uchastok, Dolgoprudny  
Moscow Region, 141700  
Russia

Phone: 7-095-408-80-51  
Fax: 7-095-576-0155  
Email: [contservice@glanet.ru](mailto:contservice@glanet.ru)

COMPANY INFORMATION

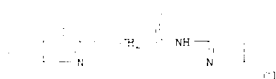
ChemDiv, Inc.  
P.O. Box 90639  
San Diego, CA, 92169  
USA

Phone: 1-619-794-4860  
Fax: 1-619-794-4931  
Email: [info@chemdiv.com](mailto:info@chemdiv.com)

=> d 1-6 all



Dr. ANSWER 1 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02925 CHEMCATS  
 Catalog Name (CN) ChemDiv, Inc. Product Library  
 Publication Date (PD) 7 Jul 2000  
 Order Number (ON) 2693-0064  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolylthio)-N-(5-chloro-2-pyridinyl)  
 CAS Registry No. (RN) 313401-42-4  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity milligram quantities. Prices contact supplier

## CHEMICAL INFORMATION

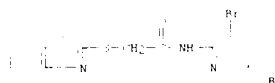
ChemDiv, Inc.  
 P.O. Box 147  
 Strickland Highway, Building  
 Moscow Region, 141700  
 Russia

Phone: 7-090-408-4051  
 Fax: 7-090-408-0164  
 Email: [customer@chemdiv.com](mailto:customer@chemdiv.com)

ChemDiv, Inc.  
 P.O. Box 147  
 Strickland Highway, Building  
 Moscow Region, 141700  
 Russia

Phone: 7-090-744-4400  
 Fax: 7-090-744-4440  
 Email: [info@chemdiv.com](mailto:info@chemdiv.com)

Dr. ANSWER 2 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02925 CHEMCATS  
 Catalog Name (CN) ChemDiv, Inc. Product Library  
 Publication Date (PD) 7 Jul 2000  
 Order Number (ON) 2693-0064  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolylthio)-N-(3,5-dibromo-2-pyridinyl)  
 CAS Registry No. (RN) 313401-41-3  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity milligram quantities. Prices contact supplier

## CHEMICAL INFORMATION

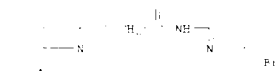
ChemDiv, Inc.  
 P.O. Box 147  
 Strickland Highway, Building  
 Moscow Region, 141700  
 Russia

Phone: 7-090-408-4051  
 Fax: 7-090-408-0164  
 Email: [customer@chemdiv.com](mailto:customer@chemdiv.com)

ChemDiv, Inc.  
 P.O. Box 147  
 Strickland Highway, Building  
 Moscow Region, 141700  
 Russia

Phone: 7-090-744-4400  
 Fax: 7-090-744-4440  
 Email: [info@chemdiv.com](mailto:info@chemdiv.com)

Dr. ANSWER 3 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02934 CHEMCATS  
 Catalog Name (CN) ChemDiv, Inc. Product Library  
 Publication Date (PD) 7 Jul 2000  
 Order Number (ON) 2693-0080  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolylthio)-N-(5-bromo-2-pyridinyl)  
 CAS Registry No. (RN) 313527-94-7  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity milligram quantities. Prices contact supplier

## CHEMICAL INFORMATION

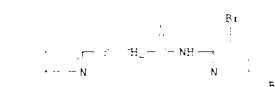
ChemDiv, Inc.  
 P.O. Box 147  
 Strickland Highway, Building  
 Moscow Region, 141700  
 Russia

Phone: 7-090-408-4051  
 Fax: 7-090-408-0164  
 Email: [customer@chemdiv.com](mailto:customer@chemdiv.com)

ChemDiv, Inc.  
 P.O. Box 147  
 Strickland Highway, Building  
 Moscow Region, 141700  
 Russia

Phone: 7-090-744-4400  
 Fax: 7-090-744-4440  
 Email: [info@chemdiv.com](mailto:info@chemdiv.com)

Dr. ANSWER 4 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02934 CHEMCATS  
 Catalog Name (CN) AsinEx Compound Collection  
 Publication Date (PD) 22 Jan 2001  
 Order Number (ON) BAS 127719b  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolylthio)-N-(3,5-dibromo-2-pyridinyl)  
 CAS Registry No. (RN) 313401-41-3  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

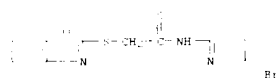
Quantity milligram quantities. Prices contact supplier

## CHEMICAL INFORMATION

AsinEx  
 Chokkinkagaku-shita  
 Moscow, 12514  
 Russia

Phone: 47-040-130-0000  
 Fax: 47-040-130-1110  
 Email: [asinex@online.ru](mailto:asinex@online.ru)  
 Web: <http://www.asinex.com/asinex.htm>

Le ANSWER 6 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:200517 CHEMCATS  
 Catalog Name (CO) AsinEX Compound Collection  
 Publication Date (PD) 22 Jan 2001  
 Order Number (ON) BAS 1043742  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolythio)-N-(5-bromo-2-pyridinyl)-  
 CAS Registry No. (RN) 312527-34-7  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity 1-100 g, Prices contact supplier

## COMPANY INFORMATION

AsinEX  
 o Shchukinskaya ulitsa  
 Moscow, 121082  
 Russia

Phone: +7 095 190-7363  
 +7 095 190-8000  
 Fax: +7 095 190-1211  
 Email: asinex@online.ru  
 Web: <http://www.asinex.com/asinex.htm>

Le ANSWER 6 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:200513 CHEMCATS  
 Catalog Name (CO) AsinEX Compound Collection  
 Publication Date (PD) 22 Jan 2001  
 Order Number (ON) BAS 1043743  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolythio)-N-(4-chloro-2-pyridinyl)-  
 CAS Registry No. (RN) 313481-42-4  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity 1-100 g, Prices contact supplier

## COMPANY INFORMATION

AsinEX  
 o Shchukinskaya ulitsa  
 Moscow, 121082  
 Russia

Phone: +7 095 190-7363  
 +7 095 190-8000  
 Fax: +7 095 190-1211  
 Email: asinex@online.ru  
 Web: <http://www.asinex.com/asinex.htm>

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	23.85	166.48

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FILE COVERS 1947 - 14 May 2001 VOL 134 ISS 21  
FILE LAST UPDATED: 13 May 2001 (20010513/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

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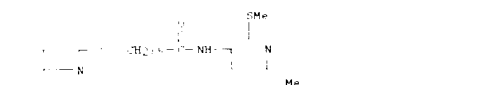
\*\*\* YOU HAVE NEW MAIL \*\*\*

=> s 13  
L7 5 L3

=> d ibib abs hitstr 1-5

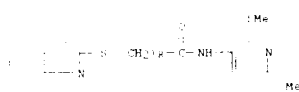


17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



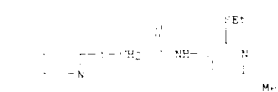
RN 225940-94-1 CAPLUS

CN Nonanamide, 9-(2-benzoxazolylthio)-N-(6-methyl-2-(methylthio)-3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 225940-94-3 CAPLUS

CN Acetamide, 9-(2-benzoxazolylthio)-N-(2-(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 225940-94-4 CAPLUS

CN Butanamide, 4-(2-benzoxazolylthio)-N-(2-(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)

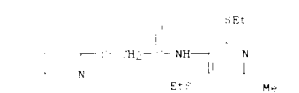


RN 225940-94-5 CAPLUS

17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

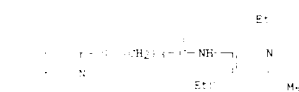
RN 225941-06-0 CAPLUS

CN Acetamide, 2-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



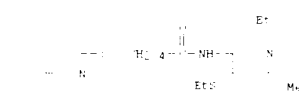
RN 225941-07-1 CAPLUS

CN Butanamide, 4-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 225941-07-2 CAPLUS

CN Hexanamide, 6-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 225941-07-3 CAPLUS

CN Heptanamide, 7-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



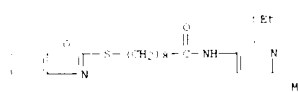
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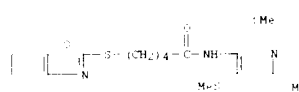
17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

CN Nonanamide, 9-(2-benzoxazolylthio)-N-(2-(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



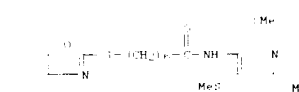
RN 225940-94-1 CAPLUS

CN Pentanamide, 5-(2-benzoxazolylthio)-N-(6-methyl-2,4-bis(methylthio)-3-pyridinyl)- (9CI) (CA INDEX NAME)



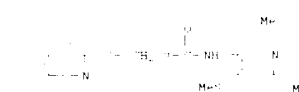
RN 225940-94-2 CAPLUS

CN Heptanamide, 7-(2-benzoxazolylthio)-N-(6-methyl-2,4-bis(methylthio)-3-pyridinyl)- (9CI) (CA INDEX NAME)



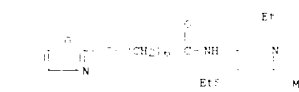
RN 225940-94-3 CAPLUS

CN Octanamide, 8-(2-benzoxazolylthio)-N-(6-methyl-2,4-bis(methylthio)-3-pyridinyl)- (9CI) (CA INDEX NAME)



17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

CN Nonanamide, 9-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



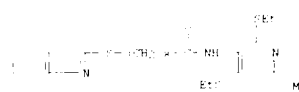
RN 225941-07-7 CAPLUS

CN Octanamide, 8-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



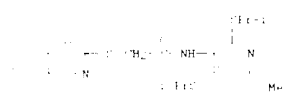
RN 225941-07-8 CAPLUS

CN Nonanamide, 9-(2-benzoxazolylthio)-N-(2,4-bis(ethylthio)-6-methyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 225941-07-9 CAPLUS

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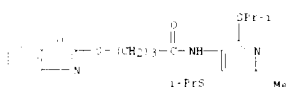


RN 225941-07-0 CAPLUS

CN Butanamide, 4-(2-benzoxazolylthio)-N-(6-methyl-2,4-bis(methylthio)-3-pyridinyl)- (9CI) (CA INDEX NAME)

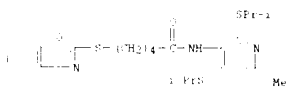


L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



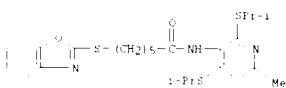
RN 225941-19-7 CAPLUS

CN Pentanamide, 5-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



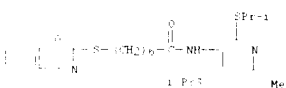
RN 225941-20-0 CAPLUS

CN Hexanamide, 6-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-31-1 CAPLUS

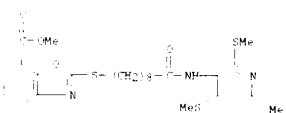
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RN 225941-32-1 CAPLUS

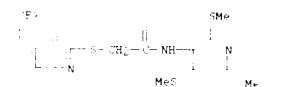
CN Octanamide, 8-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



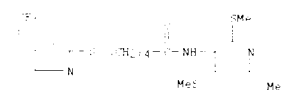
RN 225941-55-7 CAPLUS

CN Acetamide, N-[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]-2-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



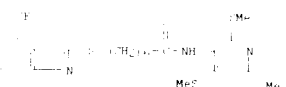
RN 225941-56-1 CAPLUS

CN Pentanamide, N-[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]-5-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-57-1 CAPLUS

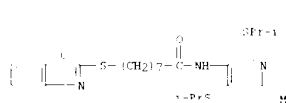
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RN 225941-58-6 CAPLUS

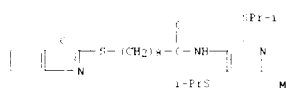
CN Octanamide, N-[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



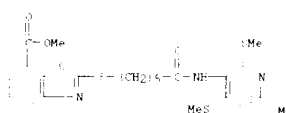
RN 225941-33-3 CAPLUS

CN Nonanamide, 9-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-51-5 CAPLUS

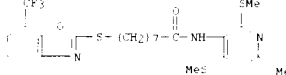
CN 7-benzoxazolecarboxylic acid, 2-[[6-[[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]amino]-9-oxononylthio]-, methyl ester (9CI) (CA INDEX NAME)



RN 225941-52-6 CAPLUS

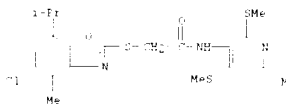
CN 7-benzoxazolecarboxylic acid, 2-[[9-[[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]amino]-9-oxononylthio]-, methyl ester (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



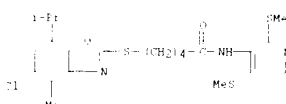
RN 225941-57-1 CAPLUS

CN Acetamide, 2-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]- (9CI) (CA INDEX NAME)



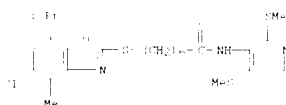
RN 225941-58-6 CAPLUS

CN Pentanamide, 5-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-59-3 CAPLUS

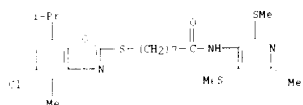
CN Heptanamide, 7-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis(methylethylthio)-3-pyridinyl]- (9CI) (CA INDEX NAME)



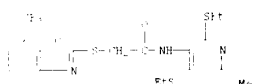
RN 225941-60-6 CAPLUS

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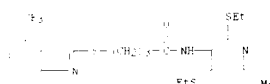
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)  
 [6-methyl-2,4-bis(methylthio)-3-pyridinyl]- (9CI) (CA INDEX NAME)



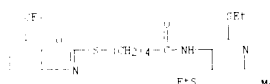
RN 225941-61-7 CAPLUS  
 CN Acetamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-2-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



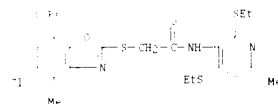
RN 225941-62-8 CAPLUS  
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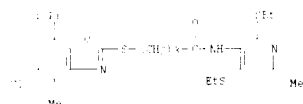
RN 225941-63-9 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-6-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



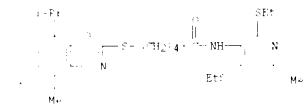
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



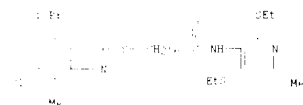
RN 225941-66-4 CAPLUS  
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RN 225941-67-5 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-6-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

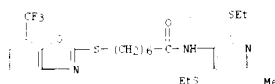


RN 225941-68-6 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-6-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

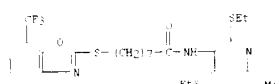


L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

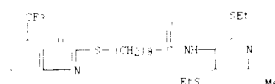
RN 225941-69-0 CAPLUS  
 CN Heptanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-7-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-65-1 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-66-2 CAPLUS  
 CN Nonanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-9-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

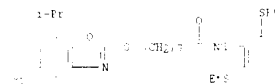


RN 225941-67-3 CAPLUS  
 CN Acetamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-6-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

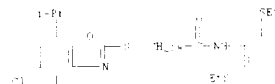


L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

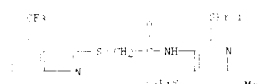
RN 225941-71-9 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-8-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-72-0 CAPLUS  
 CN Nonanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-9-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

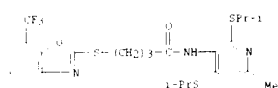


RN 225941-73-1 CAPLUS  
 CN Acetamide, N-[6-methyl-2,4-bis(1-methylethylthio)-3-pyridinyl]-2-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-74-2 CAPLUS  
 CN Butanamide, N-[6-methyl-2,4-bis(1-methylethylthio)-3-pyridinyl]-4-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

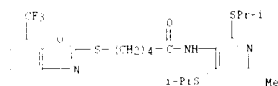
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-75-3 CAPLUS

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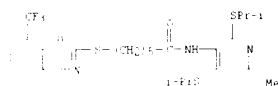
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-5-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-76-4 CAPLUS

CN Hexanamide,

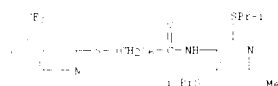
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-6-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-77-5 CAPLUS

CN Heptanamide,

N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-7-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)

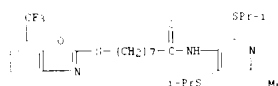


L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

RN 225941-78-6 CAPLUS

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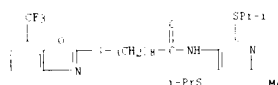
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-79-7 CAPLUS

CN Nonanamide,

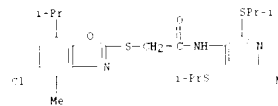
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RN 225941-80-0 CAPLUS

CN Acetamide,

N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

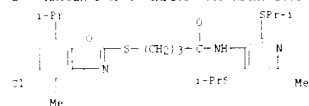


RN 225941-81-1 CAPLUS

CN Butanamide,

N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

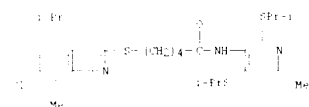
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-82-2 CAPLUS

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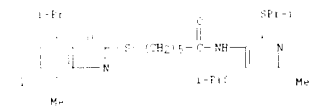
N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-83-3 CAPLUS

CN Heptanamide,

N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

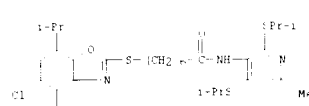


RN 225941-84-4 CAPLUS

CN Butanamide,

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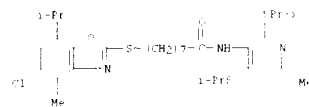
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-85-5 CAPLUS

CN Octanamide,

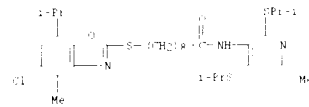
N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-86-6 CAPLUS

CN Nonanamide,

N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



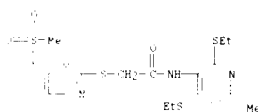
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CN Acetamide,

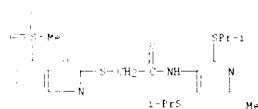
N-[[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



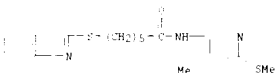
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-89-9 CAPLUS  
CN Acetanide,  
N-[4-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-2-[[7-(methanesulfonyl)-2-benzoxazolyl]thio]-N-methyl-6-(2-benzoxazolylthio)-N-[4-methyl-6-(methylethio)-3-pyridinyl]-6-aminamide (1-PrS) (CA INDEX NAME)

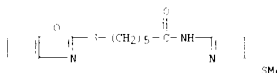


RN 225941-90-0 CAPLUS  
CN Benzanide,  
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RN 225941-91-1 CAPLUS  
CN Benzanide,  
6-(2-benzoxazolylthio)-N-[4-methyl-6-(methylethio)-3-pyridinyl]-2-[[7-(methanesulfonyl)-2-benzoxazolyl]thio]-N-methyl-6-(2-benzoxazolylthio)-N-[4-methyl-6-(methylethio)-3-pyridinyl]-6-aminamide (1-PrS) (CA INDEX NAME)

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-93-5 CAPLUS  
CN 7-Benzoxazolecarboxylic acid, 2-[[2-[[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]amino]-2-oxoethyl]thio]-2-methyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 15  
REFERENCE(S):  
Elem (2) El-Ezbawy, S; Phosphorus Sulfur Silicon Relat  
1990, V44(1-4), 1111 CAPLUS  
(5) Kowa Co Ltd; EP 407427 A; 1994 CAPLUS  
(6) Kowa Co, Ltd; JP 1002998 A; 1994 CAPLUS  
(7) Mahmoud, A; Eur Med Chem Pharm Ther 1981,

Vib(4),

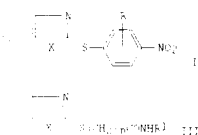
PWS CAPLUS  
(8) Mahmoud, A; Gazz Chim Ital 1982, V112(1-2),

P55

CAPLUS  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS

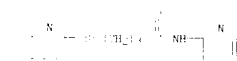
ACCESSION NUMBER: 1982147204 CAPLUS  
DOCUMENT NUMBER: 972728X  
TITLE: Synthesis of some new aryl- and aralkylthiobenzoxazoles, -benzimidazoles and -benzothiazoles of potential biological interest  
AUTHOR(S): Mahmoud, Abdalla M.; El-Ezbawy, Samia R.;  
Abdel-Wahab,  
CORPORATE SOURCE: Aboel Magd A.; El-Sherief, Hassan A. H.  
SOURCE: Fac. Sci., Assiut Univ., Assiut, Egypt  
Gazz. Chim. Ital. (1982), 112(1-2), 55-6  
CODEN: GCITA9; ISSN: 0016-5603  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI



AB Title where I: (X = O, S, NH; R = H, 2-NO<sub>2</sub>, 3-Cl, 4-Br) were obtained by treating the heterocyclic thiole (II) with halonitrobenzenes. III  
(R = 4-Br)  
R: K1 = 2-pyridyl, 4-HMS (2-OH-4), 4-(2-pyridylamino)sulfonylphenyl  
were similarly prep. from II and ClCH<sub>2</sub>CONHR<sub>1</sub>. I and III have

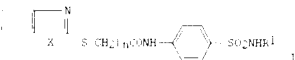
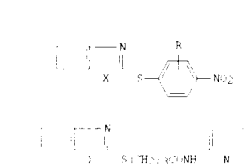
antibacterial activity, particularly against gram-negative organisms.  
IT 81958-30-7P  
RL: SEM (synthetic preparation) FREE Preparation

RN 81958-30-7 CAPLUS  
CN Butanamide, 4-(2-benzoxazolylthio)-N-(2-pyridinyl) (9CI) (CA INDEX NAME)



L7 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1982140621 CAPLUS  
DOCUMENT NUMBER: 9726219  
TITLE: Synthesis of some new aryl- and aralkylmercaptobenzoxazoles, -benzimidazoles and -benzothiazoles of biological interest  
AUTHOR(S): Mahmoud, A. M.; El-Ezbawy, S. R.; Abdel-Wahab, A. A.;  
El-Sherief, H. A. H.  
CORPORATE SOURCE: Fac. Sci., Assiut Univ., Assiut, Egypt  
SOURCE: Acta Pharm. Jugosl. (1982), 32(1), 45-51  
CODEN: APJUA9; ISSN: 0001-0867  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI



AB Benzoxazole I-III (X = O, S, NH; R = H, 2-NO<sub>2</sub>, 3-Cl, 4-Br; R<sub>1</sub> = H, 2-pyridyl; n = 1, 3) were prep. by substitution in E salts of the benzoxazolethiols. Some of the products had bactericidal activity against

both gram positive and gram negative organisms.

IT 81958-30-7P  
RL: SEM (synthetic preparation) FREE Preparation

RN 81958-30-7 CAPLUS  
CN Butanamide, 4-(2-benzoxazolylthio)-N-(2-pyridinyl) (9CI) (CA INDEX NAME)

17 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2001 ACS

ANSWER 4 OF 5 CAPLOS COPYRIGHT 2001 W  
ACCESSION NUMBER: 1981:569076 CAPLOS

DOCUMENT NUMBER: 95:169076

TITLE: Synthesis and biological activities of some new  
2-(1H-heterocyclo-carboxamido)methyl-

thiobenzoxazoles,

benzthiazoles and benzimidazoles. Part VIII:  
Mabmoud, A. M.; El-Sherief, H. A.; Abdel-Kabman,

A. E.

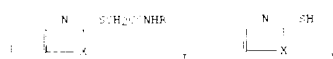
CORPORATE SOURCE: Fac Sci., Assiut Univ., Assiut, Egypt

SOURCE

CODEN: EJMCA5 ISSN: 1022-4374

DOCUMENT TYPE:

!ANGLA



AR Title compds. 1 [R = 1-thiazolyl, 4-phenyl, 2-thiazolyl, 4-(p-bromophenyl)-2-thiazolyl, 4-(p-methoxyphenyl)-2-thiazolyl, 4-p-tolyl-2-thiazolyl, 5-methoxycarbonyl-4-methyl-2-thiazolyl, 4-benzothiazolyl, 4-pyridyl, 4-pyridyl, 2,6-dimethyl-4-phenyl-4-pyridazinyl; X = O, S, NH] were prep'd by condensing 11 with 1,2,3,4-DHNE.

It showed antimicrobial activity at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

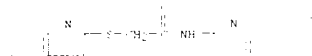
AT 79420-06-7P 79420-07-8P

KJ: SPN (Synthetic)  
Lynn: 6

24 JUL 1965

IN Aromatic, 2-(2-benzotriolythio)-N-azepidiny, 961 A INDEX

NAME \_\_\_\_\_



RN 14-07-8 CAFLO

IR: Amide,  $\nu$  (benzene-solylthio-N-ethyl-nyl) 1610  $\text{cm}^{-1}$  (NMP).

NAME \_\_\_\_\_

2. ANSWER: 5. F. CALIF. COPYRIGHT 2001 A.S.

ACCESSION NUMBER: 1981:44296 CAPLIN

DOCUMENT NUMBER 91-42967

TITLE                   Synthesis and biological activities of some new  
                          2-(N-heterocycloalkylamino) methyl-1,4-bispheno-

AUTHORS : Abdel Rahman A. E.; El-Shetief, H. A.; Mahmoud,

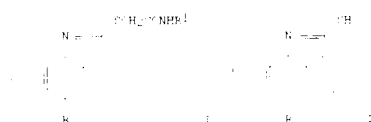
A. M.

Fac. Sci., Assiut Univ., Assiut, Egypt  
1. Indian Chem. Soc., 1981, 59, 1071.

SOURCE: J. Indian Chem., 5: 1, 1967, 1.  
 CODEN: JICSAH; ISSN: 0013-4625

DOCUMENT TYPE:

LANGUAGE



AP Naphthoxazoles I [ $R = H$  (I),  $H_3$  (II),  $H_4$  (III),  $H_5$  (IV),  $H_6$  (V),  $H_7$  (VI),  $H_8$  (VII),  $H_9$  (VIII),  $H_{10}$  (IX),  $H_{11}$  (X),  $H_{12}$  (XI),  $H_{13}$  (XII),  $H_{14}$  (XIII),  $H_{15}$  (XIV),  $H_{16}$  (XV),  $H_{17}$  (XVI),  $H_{18}$  (XVII),  $H_{19}$  (XVIII),  $H_{20}$  (XIX),  $H_{21}$  (XX),  $H_{22}$  (XXI),  $H_{23}$  (XXII),  $H_{24}$  (XXIII),  $H_{25}$  (XXIV),  $H_{26}$  (XXV),  $H_{27}$  (XXVI),  $H_{28}$  (XXVII),  $H_{29}$  (XXVIII),  $H_{30}$  (XXIX),  $H_{31}$  (XXX),  $H_{32}$  (XXXI),  $H_{33}$  (XXXII),  $H_{34}$  (XXXIII),  $H_{35}$  (XXXIV),  $H_{36}$  (XXXV),  $H_{37}$  (XXXVI),  $H_{38}$  (XXXVII),  $H_{39}$  (XXXVIII),  $H_{40}$  (XXXIX),  $H_{41}$  (XL),  $H_{42}$  (XLI),  $H_{43}$  (XLII),  $H_{44}$  (XLIII),  $H_{45}$  (XLIV),  $H_{46}$  (XLV),  $H_{47}$  (XLVI),  $H_{48}$  (XLVII),  $H_{49}$  (XLVIII),  $H_{50}$  (XLIX),  $H_{51}$  (L),  $H_{52}$  (LI),  $H_{53}$  (LII),  $H_{54}$  (LIII),  $H_{55}$  (LIV),  $H_{56}$  (LV),  $H_{57}$  (LVI),  $H_{58}$  (LVII),  $H_{59}$  (LVIII),  $H_{60}$  (LIX),  $H_{61}$  (LX),  $H_{62}$  (LXI),  $H_{63}$  (LXII),  $H_{64}$  (LXIII),  $H_{65}$  (LXIV),  $H_{66}$  (LXV),  $H_{67}$  (LXVI),  $H_{68}$  (LXVII),  $H_{69}$  (LXVIII),  $H_{70}$  (LXIX),  $H_{71}$  (LXX),  $H_{72}$  (LXXI),  $H_{73}$  (LXXII),  $H_{74}$  (LXXIII),  $H_{75}$  (LXXIV),  $H_{76}$  (LXXV),  $H_{77}$  (LXXVI),  $H_{78}$  (LXXVII),  $H_{79}$  (LXXVIII),  $H_{80}$  (LXXIX),  $H_{81}$  (LXXX),  $H_{82}$  (LXXXI),  $H_{83}$  (LXXXII),  $H_{84}$  (LXXXIII),  $H_{85}$  (LXXXIV),  $H_{86}$  (LXXXV),  $H_{87}$  (LXXXVI),  $H_{88}$  (LXXXVII),  $H_{89}$  (LXXXVIII),  $H_{90}$  (LXXXIX),  $H_{91}$  (LXXXX),  $H_{92}$  (LXXXXI),  $H_{93}$  (LXXXXII),  $H_{94}$  (LXXXXIII),  $H_{95}$  (LXXXXIV),  $H_{96}$  (LXXXXV),  $H_{97}$  (LXXXXVI),  $H_{98}$  (LXXXXVII),  $H_{99}$  (LXXXXVIII),  $H_{100}$  (LXXXXIX),  $H_{101}$  (LXXXXX),  $H_{102}$  (LXXXXXI),  $H_{103}$  (LXXXXXII),  $H_{104}$  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Protein and lipid activities of 1 were given.

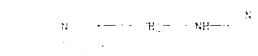
IT 78205-06-8P 78205-15-9P 78205-16-0P

<sup>a</sup> R<sub>1</sub>: SPN (Synthetic preparations); PREP (Preparation of natural functional and antitumoral activity of

EN - 00000000000000000000000000000000

11N Acetamide, 2-[naphth[1,4-d]oxazol-3-yl]thio-N-(pyridinyl) 1901 1A

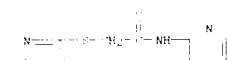
INDEX NAME



2011年12月15日 星期三

N Naphthyl-2-sulfonamide, 100 g, 0.4 mole, was dissolved in 100 ml of water.

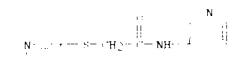
17 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



SO<sub>3</sub>H

18 Naphth[1,2-d]oxazole

19 Naphth[1,2-d]oxazole-5-sulfonic acid, 2-[(2,6-pyridinediylamino)ethyl]thio- (9CI) (CA INDEX NAME)



SO<sub>3</sub>H

=> fil beil		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.60	188.08
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.94	-2.94

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 \*\*\* FILE CONTAINS 7,688,486 SUBSTANCES \*\*\*

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 \* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*  
 \* FOR PRICE INFORMATION SEE HELP COST \*  
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 FULL SCREEN SEARCH COMPLETED - 1576 TO ITERATE

100.0% PROCESSED 1576 ITERATIONS 7 ANSWERS  
 SEARCH TIME: 00.00.10

L8 7 SEA SSS FUL L1

=> d pre ide rsd fa bf 1-7

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN IDS MOLI

## Preparation:

PRE

Start: BKN=3604755 (7H7C1N2O, BKN=479224) 1,2-dihydro-  
naphtho[1,2-d:oxazole-5-sulfonic acid

Reagent:

Time: 30 min

Solvent:

Heating:

Reference(s):

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Al-Indian  
Chem.Soc., 58 (1981), 171-173, LA: EN, CODEN: JCSA

Beilstein Rep. No.: BKN: 4752009 Beilstein

Molecular Formula (MF): C12H13N3O5S

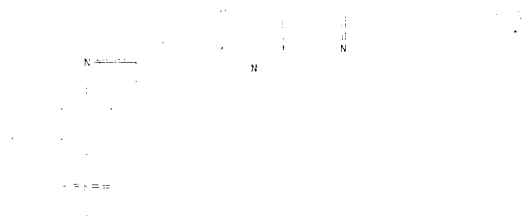
Autonom Name (AUN):

1-pyridin-3-ylmethanimethylsulfanylcyclopentadecanaphthalene-5-sulfonic acid

Beilstein Reference (SR): 6:27

Formula Weight (FW): 415.44

Lawson Number (LN): 01544: 27479: 1774



## Ring System Data:

Number of Rings (NCR): 4

Ring System (NCR):

Total Ring System (NCR):

Ring System (NCR):

Ring System (NCR):

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN IDS MOLI

## Preparation:

PRE

Start: BKN=3604755 (7H7C1N2O, BKN=479224) 1,2-dihydro-  
naphtho[1,2-d:oxazole-5-sulfonic acid

Reagent:

Time: 30 min

Solvent:

Heating:

Reference(s):

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Al-Indian  
Chem.Soc., 58 (1981), 171-173, LA: EN, CODEN: JCSA

Beilstein Rep. No.: BKN: 4752009 Beilstein

Molecular Formula (MF): C12H13N3O5S

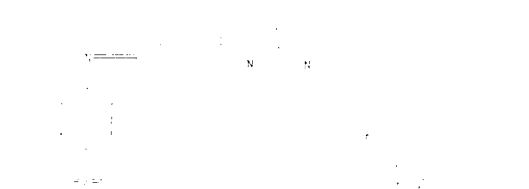
Autonom Name (AUN):

1-pyridin-3-ylmethanimethylsulfanylcyclopentadecanaphthalene-5-sulfonic acid

Beilstein Reference (SR): 6:27

Formula Weight (FW): 415.44

Lawson Number (LN): 01544: 27479: 1774



## Ring System Data:

Number of Rings (NCR): 4

Ring System (NCR):

Total Ring System (NCR):

Ring System (NCR):

Ring System (NCR):

Beilstein Ring Index    Ring System Formula    BRIS  
BKN: 4752009    4P    Count  
-----  
Molecular Formula    C12H13N3O5S    1

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN IDS MOLI (Continued)

Beilstein Ring Index    Ring System Formula    BRIS

BKN: 4752009    4P    Count

-----

Molecular Formula    C12H13N3O5S    1

-----

## Biological Function:

RF: Antimicrobial activity against Staphy. aureus, Bacillus megaterium,

Aspergill. flavus and Penicillium notatum

Reference(s):

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Al-Indian  
Chem.Soc., 58 (1981), 171-173, LA: EN, CODEN: JCSA

## Field Availability:

Code	Name	Count
MF	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
SR	Beilstein Citation	1
LN	Lawson Number	1
RF	Biological Function	1
PRE	Preparation	1
MI	Melting Point	1
DM	Infrared Maximum	1
BF	Biological Function	1

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN IDS MOLI (Continued)

## Biological Function:

RF: Antimicrobial activity against Staphy. aureus, Bacillus megaterium,

Aspergill. flavus and Penicillium notatum

Reference(s):

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Al-Indian  
Chem.Soc., 58 (1981), 171-173, LA: EN, CODEN: JCSA

## Field Availability:

Code	Name	Count
MF	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
SR	Beilstein Citation	1
LN	Lawson Number	1
RF	Biological Function	1
PRE	Preparation	1
MI	Melting Point	1
DM	Infrared Maximum	1
BF	Biological Function	1



LA ANSWER 5 OF 7 COPYRIGHT 2001 BEILSTEIN CDS MOLI

#### Preparation:

##### IRE

Start: BBN=742521 3H-benzoxazole-4-thione, BBN=71015  
N-(2-pyridyl)-gamma-chlorobutyrylamide

React: R.H.

Time: 2 hour, 50

Yield: 91.00 %

Solvt: ethano.

Reagent:

Reference:

1. Mahmoud, Abdalla M.; El-Echawy, Samia R.; Abdel-Wahab, Abdel-Magd

A.; El-Sherief, Hassan A. H., Gazz.Chim.Ital., 112 (1982) 121, 85-86,

LA:

EN, CODEN: GCHTA9

Beilstein Reg. No.: BBN: 642454 Beilstein

Molecular Formula (MF): C16 H15 N3 O2 S

Autonom Name (AUN): 4-(benzoxazol-2-ylsulfanyl)-N-pyridin-2-yl-  
butyramide

Beilstein Reference (BR): 4-29

Formula Weight (FW): 313.37

Lawson Number (LN): 1054, 17 Feb 1984



#### Ring System Data:

Number of Rings (NRR): 3

Ring Systems (NRRS): 2

Diff. Ring Systems (NRRS): 2

Ring Hetero (NRRH): 3

Acylic Hetero (NAH): 3

Beilstein Ring Index (BRIX) Ring System Formula (RFX)  
BRIX: RFX  
-----  
C16 H15 N3 O2 S  
C16 H15 N3 O2 S  
C16 H15 N3 O2 S

#### Biological Function:

LA ANSWER 6 OF 7 COPYRIGHT 2001 BEILSTEIN CDS MOLI

#### Preparation:

##### IRE

Start: BBN=742521 3H-benzoxazole-4-thione, BBN=74751 3H-benzoxazole-4-thione

React: R.H.

Time: 40 min

Yield: 79.00 %

Solvt: ethano.

Reagent:

Reference:

1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Rahman, A. E.,

Eur.J.Med.Chem.Chim.Thier., 16 (1981) 4, 383-384, LA: EN, CODEN:

EMJAF

##### IRE

Start: BBN=742521 3H-benzoxazole-4-thione, BBN=10544  
pyridine-2-amine

React: N-methyl-2-benzyl-2-ethoxy-1,4-dihydroquinoline-3,3-diol

Time: 24 hour, 50

Yield: 100.00 %

Solvt: ethano.

Reagent:

Reference:

1. El-Sherief, H. A.; Mahmoud, A. M.; Abdel-Rahman, A. E.,

J. Indian Chem.Soc., 60 (1983) 84-85, LA: EN, CODEN: JICVAF

EMJAF

##### IRE

Start: BBN=742521 3H-benzoxazole-4-thione, BBN=74751 3H-benzoxazole-4-thione

React: R.H.

Time: 2 hour, 50

Yield: 100.00 %

Solvt: ethano.

Reagent:

Reference:

1. El-Sherief, H. A.; Mahmoud, A. M.; Abdel-Rahman, A. E.,

J. Indian Chem.Soc., 60 (1983) 84-85, LA: EN, CODEN: JICVAF

EMJAF

##### IRE

Beilstein Reg. No.: BBN: 642454 Beilstein

Molecular Formula (MF): C14 H11 N3 O2 S

Autonom Name (AUN): 2-(benzoxazol-2-ylsulfanyl)-N-pyridin-2-yl-  
acetamide

Beilstein Reference (BR): 4-29

Formula Weight (FW): 273.37

Lawson Number (LN): 1054, 17 Feb 1984

LA ANSWER 5 OF 7 COPYRIGHT 2001 BEILSTEIN CDS MOLI (Continued)

RE: antibacterial activity, gram-positive and gram-negative bacteria,

Bacillus

subtilis, Staphylococcus aureus, Escherichia coli, Pseudomonas

aeruginosa,

Sarcina, Bacillus mycoides

Reference:

1. Mahmoud, Abdalla M.; El-Echawy, Samia R.; Abdel-Wahab, Abdel-Magd

A.; El-Sherief, Hassan A. H., Gazz.Chim.Ital., 112 (1982) 121, 85-86,

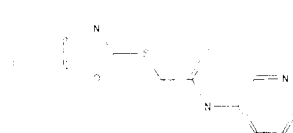
LA:

EN, CODEN: GCHTA9

#### Field Availability:

Code	Name	Field
ME	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
LN	Beilstein Reference	1
BR	Lawson Number	1
RF	Beilstein Reference	1
IRE	Preparation	1
ME	Melting Point	1
RF	Biological Function	1

LA ANSWER 6 OF 7 COPYRIGHT 2001 BEILSTEIN CDS MOLI (Continued)



#### Ring System Data:

Number of Rings (NRR): 3

Ring Systems (NRRS): 2

Diff. Ring Systems (NRRS): 2

Ring Hetero (NRRH): 3

Acylic Hetero (NAH): 3

Beilstein Ring Index (BRIX) Ring System Formula (RFX)  
BRIX: RFX  
-----  
C14 H11 N3 O2 S  
C14 H11 N3 O2 S  
C14 H11 N3 O2 S

#### Biological Function:

RE: Antimicrobial activities: more than 90 percent inhibition of a

concentration of 1E-4 M against Staphylococcus aureus, Bacillus

subtilis,

Pseudomonas aeruginosa

Reference:

1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Rahman, A. E.,

Eur.J.Med.Chem.Chim.Thier., 16 (1981) 4, 383-384, LA: EN, CODEN:

EMJAF

#### Field Availability:

Code	Name	Field
ME	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
LN	Beilstein Reference	1
BR	Lawson Number	1
RF	Beilstein Reference	1
IRE	Preparation	1
ME	Melting Point	1
RF	Biological Function	1

DE ANSWER 7 OF 7 COPYRIGHT 2001 BELLESTEIN FOR MOLI (Continued)

DE ANSWER 7 OF 7 COPYRIGHT 2001 BELLESTEIN FOR MOLI

#### Preparation:

##### PRE

Start BRN=742521 3H-benzotriazin-2(1H)-one, BRN=5180  
2-chloro-N-pyridin-2-yl-acetamide

Reagent: KOH  
Time: 40 min  
Yield: 76.00 %  
Solvent: ethanol

##### Reference(s)

1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Kahman, A. E.;  
Eur. J. Med. Chem. Chim. Ther., 1981, 4, 383-384, 1A: EN, 006EN

#### EJMCA5

##### PRE

Start BRN=71428 benzotriazin-2-ylmethyl-amine, BRN=105786  
pyridine-2-ylamine

Reagent: N-ethoxycarbonyl-2-ethoxy-1,1-dihydroquinoline (EEDQ)  
Time: 24 hours  
Solvent: dimethylformamide

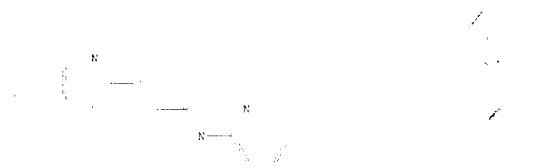
Ambient Temperature

##### Reference(s)

1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Kahman, A. E.;  
Eur. J. Med. Chem. Chim. Ther., 1981, 4, 383-384, 1A: EN, 006EN

#### EJMCA5

Beilstein Reg. No. (BRN): 557955a, Beilstein  
Molecular Formula (MF): C14 H11 N3 O2 S  
Autonom Name (AUN): 2-(benzotriazin-2-ylmethyl)-N-pyridin-2-yl-  
acetamide  
Beilstein Reference (S): 557955a  
AS Reg. No. (RNI): 70420, 70421  
Beilstein Ref. RN (BRN): 70420, 70421  
Formula Weight (FW): 265.2  
Casson Number (LN): 31663, 31664, 31665



DE ANSWER 7 OF 7 COPYRIGHT 2001 BELLESTEIN FOR MOLI (Continued)

#### Ring System Data:

Number of Rings (NR): 2  
Ring Systems (NRS): 2  
Cyclic Ring Systems (NCRS): 2  
Heterocyclic Systems (NHS): 2  
Aromatic Heterocyclic Systems (NARS): 2

Beilstein Ring Index: Ring System Formula: C14 H11 N3 O2 S  
BRN: 557955a, 70420, 70421  
Molecular Formula (MF): C14 H11 N3 O2 S  
Formula Weight (FW): 265.2

Biological Functions:  
BR: Antimicrobial activities: more than 90 percent inhibits growth at a concentration of 1E-4 M against *Penicillium notatum*.

Reference(s):  
1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Kahman, A. E.;  
Eur. J. Med. Chem. Chim. Ther., 1981, 4, 383-384, 1A: EN, 006EN

#### EJMCA5

#### Species Availability:

Code	Name	Availability
MS	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
LN	Beilstein Reference	1
BR	Casson Number	1
RNI	AS Registry Number	1
BRN	Beilstein Reference RN	1
MF	Molecular Formula	1
FW	Formula Weight	1
LN	Beilstein Reference	1



=&gt;

---Logging off of STN---

=:

Executing the logoff script...

== LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	143.20	331.28
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.94

STN INTERNATIONAL LOGOFF AT 07:07:52 ON 14 MAY 2001



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Dossier: 09666152

Legal Date: 01-22-2002

No.	Doccode	Number of pages
1	A...	5
2	CLM	6
3	REM	11

Total number of pages: 22

Remarks:

Order of re-scan issued on .....